

FORM PTO-1449
(REV. 7-80)ATTY. DOCKET NO.
2019.1001-011

SERIAL NO.

INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONAPPLICANT
Edwin T. Van Valey

September 19, 2001

FILING DATE
September 19, 2001GROUP
Not Assigned

PTO

J1046 U.S. PTO
09/955774
09/19/01

U.S. PATENT DOCUMENTS

| EXAM INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|------------------------------|-----|-----------------|------------|-------------------|-------|---------------|-------------------------------|
| <i>mu</i> | AA | 1,743 | 08/28/1840 | Evens | 433 | 57 | |
| | AB | 2,138,254 | 11/29/38 | Mink | 18 | 5.7 | |
| | AC | 3,966,165 | 06/29/76 | Psensky | 249 | 120 | |
| | AD | 3,998,422 | 12/21/76 | Putzer | 249 | 117 | |
| | AE | 4,182,507 | 01/08/80 | Bekey et al. | 249 | 54 | |
| | AF | 3,281,901 | 11/01/66 | Davis et al. | 18 | 34.1 | |
| | AG | 3,097,431 | 07/16/63 | Harris | 433 | 32-54 | |
| <i>mu</i> | AH | 750,203 | 01/19/04 | Knight | 433 | 64 | |
| | AI | 3,466,750 | 09/16/69 | Timberlake et al. | 32 | 32-67 | |
| | AJ | 4,365,783 | 12/28/82 | Kesling | 249 | 124 | |
| | AK | 3,092,909 | 06/11/63 | Miller | 433 | 32-60 | |
| | AA2 | 4,451,234 | 05/29/84 | Oye | 433 | 54 | |
| | AB2 | 4,412,822 | 11/01/83 | Blechner | 433 | 60 | |
| | AC2 | 4,299,570 | 11/10/81 | Yogosawa | 433 | 62 | |
| | AD2 | 4,252,523 | 02/24/81 | Gayso | 433 | 60 | |
| <i>mu</i> | AE2 | 4,251,209 | 02/17/81 | Bekey et al. | 433 | 34 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|-----------|----|-----------------|-----------|---------------|-------|---------------|----------------------------|
| | AL | GB2098070A | 17 Nov 82 | Great Britain | | | |
| <i>mu</i> | AM | 1 193 122 | 10 Sep 85 | Canada | — | — | |
| | AN | 572,850 | 29 Nov 58 | Belgium | — | — | |
| | AO | 1,124,255 | 08 Oct 56 | France | — | — | |
| | AP | 596,232 | 31 Dec 47 | U. Kingdom | — | — | |
| <i>mu</i> | AQ | 446,682 | 23 Jun 27 | Germany | — | — | |

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| EXAM-INIT | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE IF APPROP. |
|-----------|-----|-----------------|------------|----------------|-------|-----------|------------------------|
| 9/19 | AF2 | 4,207,677 | 06/17/80 | Lampert | 433 | 60 | |
| | AG2 | 4,122,606 | 10/31/78 | Roman | 433 | 213 | |
| | AH2 | 2,430,177 | 11/04/47 | Johnson et al. | 433 | 3265 | |
| | AI2 | 1,045,586 | 11/26/12 | Montague | 433 | 54 | |
| | AJ2 | 4,200,981 | 05/06/80 | Fine | 433 | 60 | |
| | AK2 | 4,265,619 | 05/05/81 | Lucki et al. | 433 | 54 | |
| 9/19 | AA3 | 400,713 | 04/02/1889 | Slack et al. | 433 | 57 | |
| | AB3 | 4,096,632 | 06/27/78 | Perry | 433 | 3260 | |
| | AC3 | 5,141,433 | 08/25/92 | Peterson | 433 | 64 | |
| | AD3 | 4,533,323 | 08/06/85 | Huffman | 433 | 60 | |
| | AE3 | 4,842,242 | 06/27/89 | Huffman | 249 | 54 | |
| | AF3 | 3,727,311 | 04/17/73 | Schoonebeek | 32 | 32 | |
| | AG3 | 4,865,544 | 09/12/89 | Scruggs | 433 | 64 | |
| | AH3 | 5,046,949 | 09/10/91 | Richardson | 433 | 57 | |
| | AI3 | 5,221,203 | 06/22/93 | Callne | 433 | 58 | |
| | AJ3 | 5,425,636 | 06/20/95 | Ghim | 433 | 64 | |
| | AK3 | 4,382,787 | 05/10/83 | Huffman | 433 | 64 | |
| | AA4 | 4,449,930 | 05/22/84 | Huffman | 433 | 64 | |
| | AB4 | 4,548,581 | 10/22/85 | Huffman | 433 | 64 | |
| | AC4 | 4,734,033 | 03/29/88 | Huffman | 433 | 60 | |
| | AD4 | 4,786,253 | 11/22/88 | Morais | 433 | 60 | |
| | AE4 | 5,026,279 | 06/25/91 | Wilkes | 433 | 60 | |
| | AF4 | 5,076,786 | 12/31/91 | Callne | 433 | 60 | |
| | AG4 | 5,360,337 | 11/01/94 | Westdyk | 433 | 64 | |
| | AH4 | 4,481,162 | 11/06/84 | Huffman | 264 | 334 | |
| | AI4 | 5,622,497 | 04/22/97 | Cho | 433 | 60 | |
| | AJ4 | 1,338,918 | 05/04/20 | Hall, R.E. | 433 | 63 | |
| 9/19 | AK4 | 5,769,634 | 06/23/98 | Choi, John | 433 | 64 | |

EXAMINER

John Wilson

DATE CONSIDERED

1/28/03